

Flu Watch

MMWR Week 35: August 25 to August 31, 2019

All data are provisional and subject to change as more reports are received.

Geographic Spread



South Carolina reported **sporadic activity** this week.

Influenza Activity



Overall, there was no change in influenza activity this week.

Regional Influenza Activity



No change



Increased



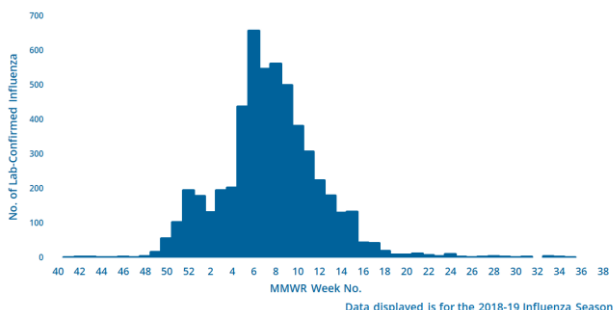
No change



No change

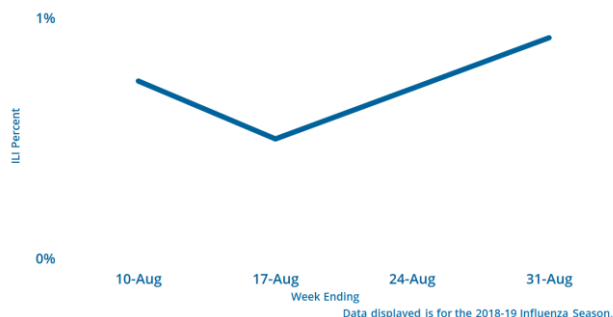
Virologic Surveillance

This week **2** lab-confirmed tests were reported. In the current flu season, there have been **4745** lab-confirmed tests reported.



Influenza-Like Illness Surveillance

The percent of patient visits to sentinel providers for an influenza-like illness (ILI) was **0.92%**, which is **below** South Carolina's baseline (**3.53%**). The ILI activity level overall was minimal.



Influenza-Associated Hospitalizations

This week **10** influenza-associated hospitalizations were reported by **25** hospitals. The cumulative hospitalization rate is **55 per 100,000**. In the current flu season, there have been **2765** influenza-associated hospitalizations.

Influenza-Associated Deaths

This week **0** influenza-associated deaths were reported. The cumulative mortality rate is **2.0 per 100,000**. In the current flu season, there have been **99** influenza-associated deaths.

For a description of South Carolina's influenza surveillance components and definitions go to:

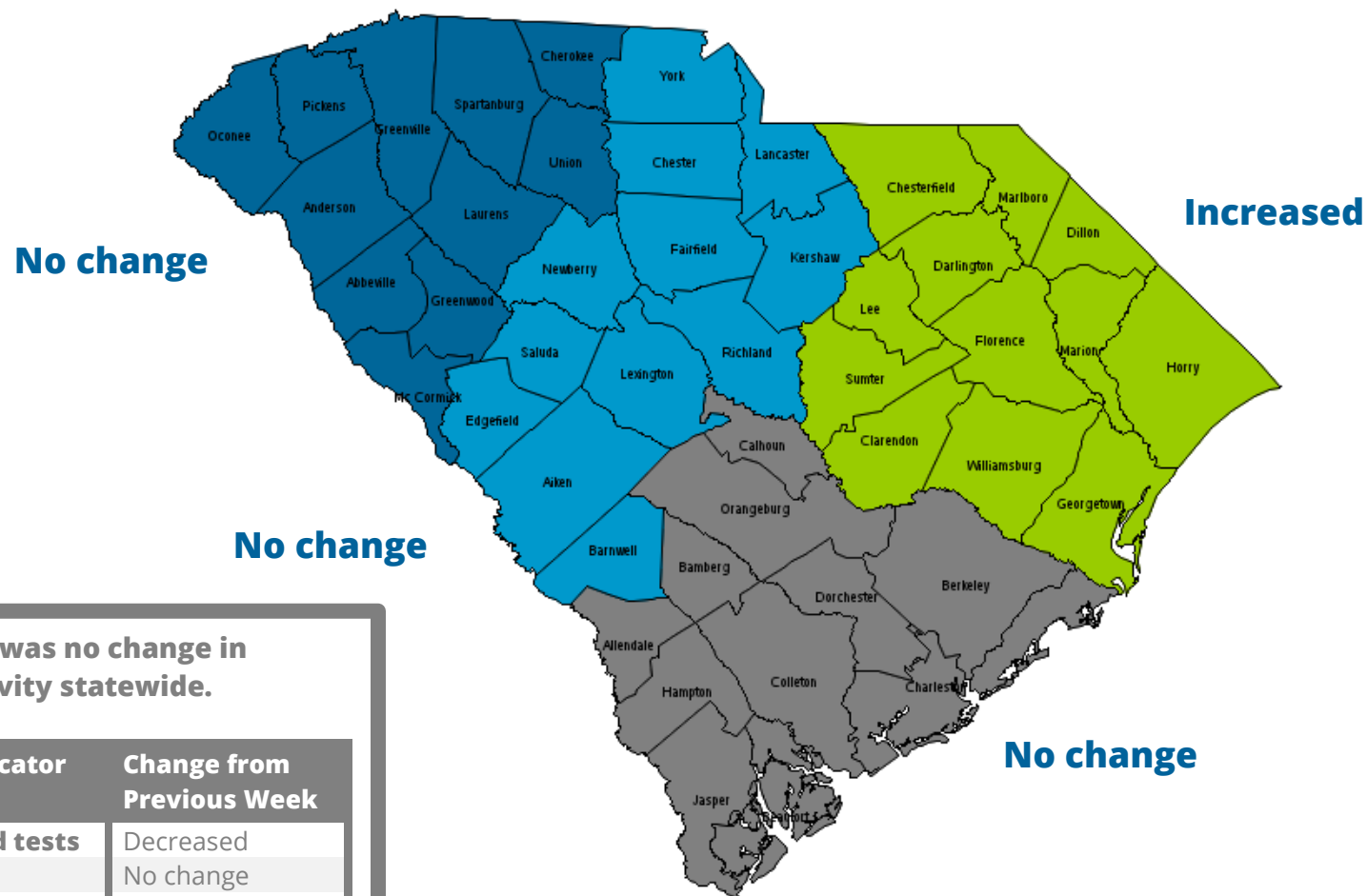
<http://www.scdhec.gov/Health/DiseasesandConditions/InfectiousDiseases/Flu/FluData/>

For national surveillance, please visit:

<https://www.cdc.gov/flu/weekly/>

Influenza Activity*

In the 4 Public Health Regions, activity showed...



Overall there was no change in influenza activity statewide.

Influenza Indicator	Change from Previous Week
Lab-confirmed tests	Decreased
ILI Percent	No change
Hospitalizations	Increased

*Indicators for assessing influenza activity include: lab-confirmed tests, ILI percent, and hospitalizations.

Virologic Surveillance

Influenza Type	Season Totals To Date				
	No. (%)	This Week	2018-19	2017-18	2016-17
Overall		2	4745	3592	2460
Influenza A	1(100.0)	4589(96.7)	2457(68.4)	1575(64)	1290(72)
A(H3)	--	606(13.2)	536(21.8)	411(26.1)	280(21.7)
A(H1N1)	--	466(10.2)	213(8.7)	64(4.1)	299(23.2)
A(NS)*	1(100.0)	3517(76.6)	1708(69.5)	1100(69.8)	711(55.1)
Influenza B	1(100.0)	156(3.3)	1135(31.6)	885(36)	502(28)
B (Victoria)	--	2(1.3)	2(0.2)	--	0.4(0.1)
B(Yamagata)	--	--	55(4.8)	--	11(2.2)
B (LND)*	1(100.0)	154(98.7)	1078(95)	885(100)	490(97.7)

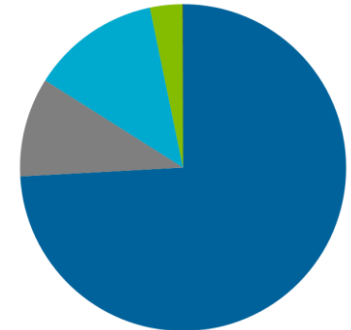
*NS – not subtyped *LND – lineage not determined

Nationally, the influenza season begins with MMWR week 40 and ends with MMWR week 39. The 2018-19 influenza season began on September 30, 2018 and will end on September 28, 2019.

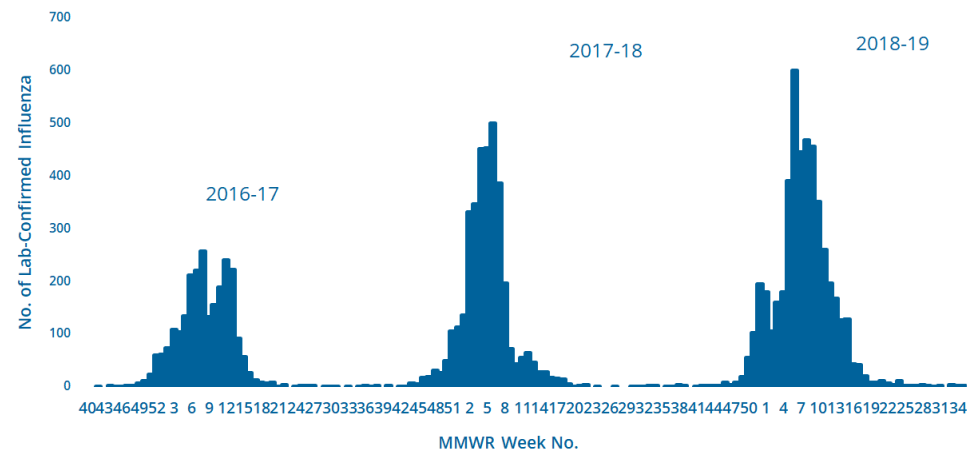
Week ending 8/31



Cumulative



■ A not subtyped ■ A(H1N1) ■ A (H3) ■ B (lineage not determined) ■ B (YAM) ■ B (VIC)



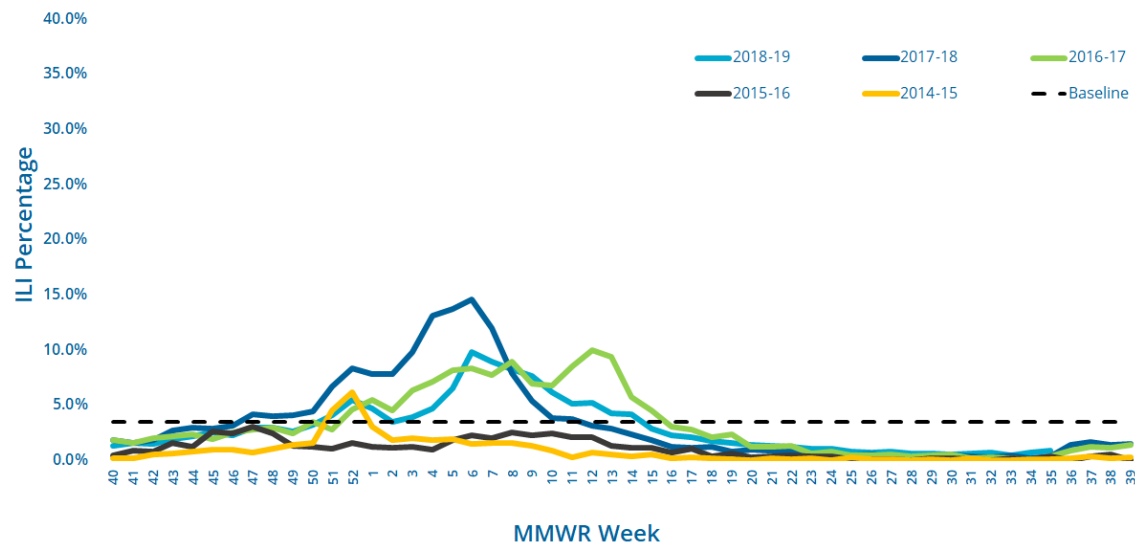
Influenza-Like Illness Surveillance

This week, the ILI activity level was **minimal** and **0.92%** of patient visits to SC ILINet providers was attributed to an influenza-like illness. This is **below** the state baseline, **3.53%**.

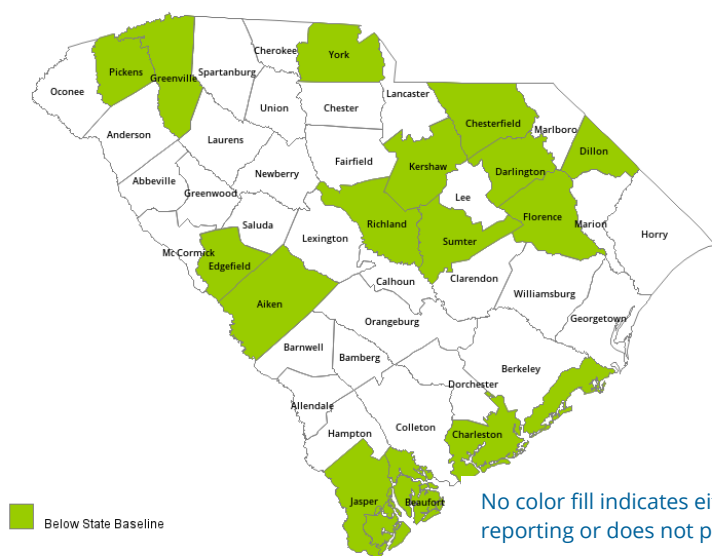
Reports were received from providers in **15** counties, representing all DHEC Public Health regions.

ILI percentage is dependent upon the number of reporting providers and/or can vary by disease activity or the number of providers submitting reports.

Percentage of Influenza-like Illness (ILI) Visits Reported by Sentinel Providers for Past and Current Seasons



County ILI Percent



State ILI Activity Level 2018-19 Calendar by Week of the Year

OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
40	44	48	1	5	9	14	18	22	27	31	36
41	45	49	2	6	10	15	19	23	28	32	37
42	46	50	3	7	11	16	20	24	29	33	38
43	47	51	4	8	12	17	21	25	30	34	39
		52			13			26		35	

ILI ACTIVITY LEVELS: **MINIMAL** **LOW** **MODERATE** **HIGH**

Influenza-Associated Hospitalizations And Deaths

Hospitalizations No. (Rate)	Ages					Ages 65+
	Overall	0-4	5-17	18-49	50-64	
This Week	10	--	1	7	1	1
2018-19	2765(55.0)	129(43.9)	128(15.8)	432(21.0)	677(67.8)	1399(161.8)
2017-18	4529(90.1)	159(54.1)	141(17.4)	592(28.8)	1058(106.0)	2579(298.3)
2016-17	2545(51.3)	117(40.1)	133(16.5)	346(17.0)	573(57.8)	1376(165.9)
5 season average	2743(55.8)	159(54.5)	120(14.9)	446(21.9)	644(65.6)	1374(169.6)

Deaths No. (Rate)	Ages					Ages 65+
	Overall	0-4	5-17	18-49	50-64	
This Week	--	--	--	--	--	--
2018-19	99(2.0)	2(0.7)	1(0.1)	7(0.4)	26(2.4)	62(7.3)
2017-18	291(5.8)	3(1.0)	--	27(1.3)	52(5.2)	209(24.2)
2016-17	97(2.0)	1(0.3)	1(0.1)	9(0.4)	16(1.6)	70(8.4)
5 season average	130(2.6)	1(0.3)	1(0.1)	15(0.7)	24(2.5)	88(10.8)

Influenza-Associated Deaths by Region

